RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _____ 10/580,076_____

Source: _____ IFWP _____

Date Processed by STIC: _____ 05/31/2006 _____

ENTERED

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/580,076

DATE: 05/31/2006
TIME: 13:56:01

Input Set: A:\8764.000062.txt
Output Set: N:\CRF4\05312006\J580076.raw

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 3 <110> APPLICANT: Bayer BioScience N.V.
 4         D'Halluin, Kathleen
 5         Vanderstraeten, Chantal
 6         Ruiter, Rene
 8 <120> TITLE OF INVENTION: Improved targeted DNA insertion in plants
10 <130> FILE REFERENCE: BCS 03-2007 WO1
12 <140> CURRENT APPLICATION NUMBER: US/10/580,076
12 <141> CURRENT FILING DATE: 2006-05-18
12 <150> PRIOR APPLICATION NUMBER: EP 03078700.6
13 <151> PRIOR FILING DATE: 2003-11-18
15 <160> NUMBER OF SEQ ID NOS: 7
17 <170> SOFTWARE: PatentIn version 3.0
19 <210> SEQ ID NO: 1
20 <211> LENGTH: 244
21 <212> TYPE: PRT
22 <213> ORGANISM: Saccharomyces cerevisiae
24 <400> SEQUENCE: 1
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27 1               5                   10                  15
29 Gln Val Met Asn Leu Gly Pro Asn Ser Lys Leu Leu Lys Glu Tyr Lys
30              20                  25                  30
32 Ser Gln Leu Ile Glu Leu Asn Ile Glu Gln Phe Glu Ala Gly Ile Gly
33          35                  40                  45
35 Leu Ile Leu Gly Asp Ala Tyr Ile Arg Ser Arg Asp Glu Gly Lys Thr
36      50                  55                  60
38 Tyr Cys Met Gln Phe Glu Trp Lys Asn Lys Ala Tyr Met Asp His Val
39 65                  70                  75                  80
41 Cys Leu Leu Tyr Asp Gln Trp Val Leu Ser Pro Pro His Lys Lys Glu
42              85                  90                  95
44 Arg Val Asn His Leu Gly Asn Leu Val Ile Thr Trp Gly Ala Gln Thr
45              100                 105                 110
47 Phe Lys His Gln Ala Phe Asn Lys Leu Ala Asn Leu Phe Ile Val Asn
48          115                 120                 125
50 Asn Lys Lys Thr Ile Pro Asn Asn Leu Val Glu Asn Tyr Leu Thr Pro
51      130                 135                 140
53 Met Ser Leu Ala Tyr Trp Phe Met Asp Asp Gly Gly Lys Trp Asp Tyr
54 145                 150                 155                 160
56 Asn Lys Asn Ser Thr Asn Lys Ser Ile Val Leu Asn Thr Gln Ser Phe
57              165                 170                 175
59 Thr Phe Glu Glu Val Glu Tyr Leu Val Lys Gly Leu Arg Asn Lys Phe
60              180                 185                 190
62 Gln Leu Asn Cys Tyr Val Lys Ile Asn Lys Asn Lys Pro Ile Ile Tyr
63          195                 200                 205
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 65 Ile Asp Ser Met Ser Tyr Leu Ile Phe Tyr Asn Leu Ile Lys Pro Tyr
 66     210                 215                 220
 68 Leu Ile Pro Gln Met Met Tyr Lys Leu Pro Asn Thr Ile Ser Ser Glu
 69 225                 230                 235                 240
 71 Thr Phe Leu Lys
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 75 <211> LENGTH: 732
 76 <212> TYPE: DNA
 77 <213> ORGANISM: Artificial
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349 <223> OTHER INFORMATION: N = A, G, C or T
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355 <223> OTHER INFORMATION: N = A, G, C or T
358 <220> FEATURE:
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/31/2006
PATENT APPLICATION: US/10/580,076   TIME: 13:56:02

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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; N Pos. 6,12,15,27,33,54,63,66,69,75,81,84,99,105,114,135,138,144
Seq#:2; N Pos. 147,153,156,162,171,174,177,186,192,225,240,246,249,264,267
Seq#:2; N Pos. 270,273,276,291,294,303,306,312,315,321,327,330,336,351,363
Seq#:2; N Pos. 366,372,381,396,402,411,414,426,429,432,438,441,444,465,468
Seq#:2; N Pos. 492,495,504,510,513,519,525,531,543,552,555,561,564,567,582
Seq#:2; N Pos. 594,615,633,639,645,660,669,675,681,699,702,708,714,717,723
Seq#:2; N Pos. 729

Invalid <213> Response:
Use of "Artificial" only as "<213> Organism" response is incomplete,
per 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

Seq#:2,3,4,5,6,7

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L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:911 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:913 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:60
L:915 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:120
L:917 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:180
L:919 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:240
L:921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:300
L:923 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:360
L:925 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:420
L:927 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:480
L:929 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:540
L:931 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:600
L:933 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:660
L:935 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:720
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